te for form 1449A/PTO

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

 Complete if Known

 Application Number
 10/618,592

 Filing Date
 7/15/2003

 First Named Inventor
 Masakazu HATTORI

 Group Art Unit
 3753

 Examiner Name
 unknown

 Attorney Docket Number
 36595-190731

(use as many sheets as necessary)

Sheet 1 of 1

U.S. PATENT DOCUMENTS U.S. Patent Document Date of Publication of Cited Document Pages, Columns, Lines, Where Relevant Passages or Relevant Name of Patentee or Applicant Examiner Initials * Cite No. of Cited Document Number Figures Appear MM-DD-YYYY (if known) 8/20/02 B-1 6,534,205 Hattori FK 3/29/94 5,297,469 Raymond B-2 4,011,887 3/15/77 B-3 Raymond

				FOREIG	N PATENT DOCU	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document			Name of Patentee	Date of Publication of	Pages, Columns, Lines, Where Relevant	
		Office ³	Number ⁴	Kind Code ⁵ (if known)	or Applicant of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear	T ₆
In	B-4	DE	4227563		Drechsler	1994		
			<u> </u>					
	·		 					
	Λ		ļ					

Examiner Signature Date Considered 9/29/64

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

VENABLE

U.S. PATENT DOCUMENTS								
Examiner Initials *		U.S. Patent Document		Name of Patentee or Applicant	Date of Publication of	Pages, Columns, Lines, Where Relevar Passages or Relevant Figures Appear		
	Cite No.1	Number Kind Code ² (if known)		Name of Patentee or Applicant of Cited Document	Cited Document MM-DD-YYYY			
3 K	1	6.435,205		Hattori	8/20/02			
	ļ <u> </u>	 						
		-						
	 	 						
		 						
	ļ							
	-	 						
	 	 						
	 							
	 							

				FOREIG	N PATENT DOCU	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document			Name of Patentee	Date of Publication of	Pages, Columns, Lines, Where Relevant	
		Office ³	Number ⁴	Kind Code ⁶ (<i>if known</i>)	or Applicant of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear	T ₆
								-
		 				-		
		 -	-			-		
		 						
								<u> </u>
		4	<u> </u>		l			

Date Examiner 04 30 Considered Signature

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.